

## CLAIMS

What is claimed is:

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1. A system for enabling remote enterprise management of high availability systems,  
comprising:

a particular high availability system of a plurality high availability systems

10 communicatively connected to a remote enterprise server via a network;

a cluster management controller for monitoring a status of a particular component of said  
high availability system and reacting to adjust said high availability system when said status  
indicates an error;

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a monitoring controller for detecting when said cluster management controller reacts to  
said status of said particular component and detecting a condition of a plurality of components of  
said high availability system, wherein said monitoring controller reports said error and said  
condition of said plurality of components to said remote enterprise server enabled to manage said  
20 high availability system based on said report.

2. The system according to claim 1 for enabling remote enterprise management of high availability systems, said particular high availability system further comprising:

5 a plurality of server implementing a J2EE compliant middleware stack monitored by said cluster management controller.

3. The system according to claim 1 for enabling remote enterprise management of high availability systems, said cluster management controller further comprising:

10 a heartbeat monitor for detecting a status of a primary node of said high availability system.

4. The system according to claim 1 for enabling remote enterprise management of high availability systems, said cluster management controller further comprising:

15 a service monitor daemon for detecting a status of a service provided by a middleware layer of said high availability system.

5. The system according to claim 1 for enabling remote enterprise management of high availability systems, wherein said monitoring controller receives a configuration request from said remote enterprise server and adjusts a configuration for how said cluster management controller will react to adjust said high availability system.

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6. The system according to claim 1 for enabling remote enterprise management of high availability systems, wherein said monitoring controller receives a configuration request from said remote enterprise server and adjusts a hardware configuration of said high availability system according to said request.

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7. A method for enabling remote enterprise management of high availability systems, comprising:

5 monitoring a status of a particular component of a high availability system, wherein said particular high availability system is communicatively connected to a remote enterprise server via a network;

responsive to said status indicating an error, reacting to adjust said high availability system;

10 detecting when said cluster management controller reacts to said status of said particular component and detecting a condition of a plurality of components of said high availability system; and

15 reporting said error and said condition of said plurality of components to said remote enterprise server enabled to manage said high availability system based on said report.

8. The method according to claim 7 for enabling remote enterprise management of high availability systems, further comprising:

5 monitoring a status of a plurality of servers implementing a J2EE compliant middleware stack.

9. The method according to claim 7 for enabling remote enterprise management of high availability systems, further comprising:

10 monitoring, by a heartbeat monitor, the status of a primary node of said high availability system.

10. The method according to claim 7 for enabling remote enterprise management of high availability systems, further comprising:

15 detecting, by a service monitor daemon, a status of a service provided by a middleware layer of said high availability system.

11. The method according to claim 7 for enabling remote enterprise management of high availability systems, further comprising:

receiving a configuration request from said remote enterprise server; and

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adjusting a configuration for how said cluster management controller will react to adjust said high availability system.

12. The method according to claim 7 for enabling remote enterprise management of high availability systems, further comprising:

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receiving a configuration request from said remote enterprise server; and

adjusting a hardware configuration of said high availability system according to said

15 request.

13. A computer program product, residing on a computer readable medium, for enabling remote enterprise management of high availability systems, comprising:

means for monitoring a status of a particular component of a high availability system,

5 wherein said particular high availability system is communicatively connected to a remote enterprise server via a network;

means, responsive to said status indicating an error, for reacting to adjust said high availability system;

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means for detecting when said cluster management controller reacts to said status of said particular component and detecting a condition of a plurality of components of said high availability system; and

15 means for reporting said error and said condition of said plurality of components to said remote enterprise server enabled to manage said high availability system based on said report.

14. The computer program product according to claim 13 for enabling remote enterprise management of high availability systems, further comprising:

5 means for monitoring a status of a plurality of servers implementing a J2EE compliant middleware stack.

15. The computer program product according to claim 13 for enabling remote enterprise management of high availability systems, further comprising:

10 means for monitoring, by a heartbeat monitor, the status of a primary node of said high availability system.

16. The computer program product according to claim 13 for enabling remote enterprise management of high availability systems, further comprising:

15 means for detecting, by a service monitor daemon, a status of a service provided by a middleware layer of said high availability system.



17. The computer program product according to claim 13 for enabling remote enterprise management of high availability systems, further comprising:

means for receiving a configuration request from said remote enterprise server; and

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means for adjusting a configuration for how said cluster management controller will react to adjust said high availability system.

18. The computer program product according to claim 13 for enabling remote enterprise

10 management of high availability systems, further comprising:

means for receiving a configuration request from said remote enterprise server; and

means for adjusting a hardware configuration of said high availability system according

15 to said request.

19. A system for remotely configuring a plurality of high availability systems, comprising:

a plurality of high availability systems communicatively connected to a network, each comprising a monitoring controller for detecting monitored information about a plurality of

5 components of each of said plurality of high availability systems; and

a remote enterprise server communicatively connected to said network, wherein said remote enterprise server receives said monitored information about each of said plurality of high availability systems, analyzes said monitored information, and sends requests for reconfiguration

10 to said plurality of high availability systems which submit monitored information indicating errors which can be adjusted by reconfiguration.